

Exploration of secondary metabolites in *Platostoma menthoides* (L.) using ethyl acetate extract and its antibacterial, antioxidant, and larvicidal activities

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Table S1. GC MS profiling of *P. menthoides* ethyl acetate extract.

S. No	R. T	Area of %	CAS	Molecular Weight	Molecular Formula	Compound Name
1.	3.757	16.24	56-81-5	92.09	C ₃ H ₈ O ₃	Glycerin
2.	4.237	1.38	1225387-53-0	83.09	C ₃ H ₅ N ₃	1H-Pyrazol-3-amine
3.	4.572	0.36	508-32-7	136.23	C ₁₀ H ₁₆	Tricyclo[2.2.1.0(2,6)]heptane, 1,7,7-trimethyl
4.	4.681	0.43	35124-13-1	206.32	C ₂₃ H ₂₂ O	Irone α a
5.	4.808	1.82	527-84-4	134.21	C ₁₀ H ₁₄	o-Cymene
6.	4.886	2.93	1461-27-4	136.23	C ₁₀ H ₁₆	Cyclohexene, 1-methyl-5-(1-methylethenyl)-, (R)-
7.	4.931	1.21	100-51-6	108.14	C ₆ H ₅ CH ₂ OH	Benzyl alcohol
8.	5.347	1.00	62108-27-4	184.36	C ₁₃ H ₂₈	Decane, 2,4,6-trimethyl
9.	5.443	0.64	105-90-8	210.31	C ₁₃ H ₂₂ O ₂	-3,7-Dimethyl-2,6-octadien-1-yl propionate
10.	6.022	7.29	106-61-6	134.13	C ₅ H ₁₀ O ₄	1,2,3-Propanetriol, 1-acetate
11.	6.241	0.58	62108-27-4	184.36	C ₁₃ H ₂₈	Decane, 2,4,6-trimethyl
12.	7.579	0.43	17865-32-6	188.34	C ₉ H ₂₀ O ₂ Si	Silane, cyclohexyldimethoxymethy
13.	8.442	1.21	112-40-3	170.34	C ₁₂ H ₂₆	Dodecane
14.	8.882	0.64	4748-78-1	134.17	C ₉ H ₁₀ O	Benzaldehyde, 4-ethyl
15.	8.944	0.84	122-99-6	138.16	C ₈ H ₁₀ O ₂	Ethanol, 2-phenoxy
16.	9.422	0.39	5057-99-8	102.13	C ₅ H ₁₀ O ₂	1,2-Cyclopentanediol, trans
17.	9.474	1.01	56618-58-7	202.29	C ₁₁ H ₂₂ O ₃	Decanoic acid, 3-hydroxy-, methyl ester
18.	9.985	0.39	19790-87-5	230.34	C ₁₃ H ₂₆ O ₃	Methoxyacetic acid, 6-ethyl-3-octyl ester
19.	10.179	1.01	106-26-3	152.24	C ₁₀ H ₁₆ O	Neral
20.	10.388	0.97	31295-56-4	212.41	C ₁₅ H ₃₂	Dodecane, 2,6,11-trimethyl
21.	10.594	0.28	10147-41-8	353.00	C ₁₈ H ₃₇ ClO ₂ S	1-Octadecanesulphonyl chloride
22.	11.259	0.49	621-58-9	150.17	C ₉ H ₁₀ O ₂	Phenol, 5-ethenyl-2-methoxy
23.	12.006	0.48	488-38-0	212.20	C ₇ H ₁₆ O ₇	D-glycero-D-manno-Heptitol
24.	12.944	0.28	41370-29-0	154.24	C ₁₀ H ₁₈ O	Ethanol, 2-(3,3-dimethylcyclohexylidene
25.	13.128	0.28	408-14-0	78.04	C ₁₄ H ₂₇ FO ₂	Fluoroacetic acid, dodecyl ester
26.	13.322	1.47	629-59-4	198.39	C ₁₄ H ₃₀	Tetradecane
27.	14.259	1.57	61387-11-9	136.15	C ₈ H ₈ O ₂	2,3-Trimethylene-4-pyrone
28.	14.821	0.34	959246-45-8	272.42	C ₁₆ H ₃₂ O ₃	Methoxyacetic acid, 4-tridecyl ester
29.	15.501	0.42	192823-15-7	198.39	C ₁₄ H ₃₀	Decane, 2,3,5,8-tetramethyl
30.	15.642	0.74	73105-67-6	296.236	C ₁₂ H ₂₅ I	1-Iodo-2-methylundecane
31.	16.028	0.76	128-39-2	206.32	C ₁₄ H ₂₂ O	Phenol, 2,6-bis(1,1-dimethylethyl)
32.	16.694	0.85	14905-56-7	240.5	C ₁₇ H ₃₆	Tetradecane, 2,6,10-trimethyl
33.	17.361	0.68	-	344.7	C ₁₉ H ₄₄ OSi ₂	6-Dimethyl(trimethylsilyl)silyloxytetradecane
34.	17.670	1.76	-	318.32	C ₁₄ H ₂₂ O ₈	1,4-Diacetyl-3-acetoxymethyl-2,5-methylene-l-rhamnitol
35.	18.262	2.44	19467-01-7	208.21	C ₈ H ₁₆ O ₆	Ethyl α -d-glucopyranoside
36.	20.405	0.43	-	286.4	C ₁₇ H ₃₄ O ₃	Methoxyacetic acid, 2-tetradecyl ester
37.	20.491	0.59	10544-96-4	268.52	C ₁₉ H ₄₀	Octadecane, 6-methyl
38.	21.045	0.35	458-35-5	180.20	C ₁₀ H ₁₂ O ₃	4-((1E)-3-Hydroxy-1-propenyl)-2-methoxy phenol
39.	21.692	0.25	120-51-4	212.25	C ₁₄ H ₁₂ O ₂	Benzyl Benzoate
40.	22.269	0.84	95008-11-0	294.6	C ₂₁ H ₄₂	10-Heneicosene (c,t)
41.	22.431	1.11	593-45-3	254.49	C ₁₈ H ₃₈	Octadecane
42.	26.785	0.45	57-10-3	256.4	C ₁₆ H ₃₂ O ₂	n-Hexadecanoic acid
43.	26.981	0.66	1560-78-7	352.7	C ₂₅ H ₅₂	2-Methyltetracosane
44.	27.669	0.31	83005-02-1	325.31	C ₁₆ H ₃₀ Cl ₂ O ₂	Dichloroacetic acid, tetradecyl ester
45.	28.270	0.67	10544-50-0	256.5	S ₈	Cyclic octaatomic sulfur
46.	32.156	0.60	74685-33-9	280.5	C ₂₀ H ₄₀	3-Eicosene, (E)
47.	35.977	0.74	55333-99-8	366.7	C ₂₆ H ₅₄	Eicosane, 7-hexyl

48.	37.761	16.55	23470-00-0	330.5	C ₁₉ H ₃₈ O ₄	Hexadecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester
49.	39.230	0.58	64-17-5	697.04	C ₄₁ H ₇₇ F ₅ O ₂	Octatriacontyl pentafluoropropionate
50.	40.962	11.02	621-61-4	358.55	C ₂₁ H ₄₂ O ₄	Octadecanoic acid, 2-hydroxy-1-(hydroxymethyl)ethyl ester